

## INTERNATIONAL SEARCH REPORT

IB2004/003124

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06 H04N7/173 G06F9/445

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/073305 A1 (JOSEPH JONATHAN L ET AL) 13 June 2002 (2002-06-13) abstract page 1, paragraph 4 - paragraph 7 page 2, paragraph 16 - page 3, paragraph 20 page 3, paragraph 22 -----	1-12
A	US 6 560 702 B1 (CHEN JEFF ET AL) 6 May 2003 (2003-05-06) column 2, line 49 - line 67 column 3, line 25 - line 38 column 3, line 64 - line 67 column 8, line 35 - column 10, line 54 ----- -/-	1-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

15 December 2004

Date of mailing of the international search report

22/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 373 498 B1 (ABGRALL JEAN-PAUL) 16 April 2002 (2002-04-16) abstract column 3, line 16 - column 4, line 31 column 7, line 52 - column 8, line 4 column 8, line 32 - line 39 column 9, line 56 - column 10, line 33 -----	1-12

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002073305	A1	13-06-2002	AU	1958701 A	18-06-2001
			CN	1433542 T	30-07-2003
			JP	2003516580 T	13-05-2003
			WO	0142911 A2	14-06-2001
US 6560702	B1	06-05-2003	US	6009520 A	28-12-1999
			JP	2001075812 A	23-03-2001
			TW	479194 B	11-03-2002
			AU	1813099 A	28-06-1999
			JP	2002525701 T	13-08-2002
			WO	9930227 A1	17-06-1999
			US	6564318 B1	13-05-2003
US 6373498	B1	16-04-2002	CN	1282016 A	31-01-2001
			JP	2001056718 A	27-02-2001
			TW	494341 B	11-07-2002